



भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
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No. 23] NEW DELHI, SATURDAY, JUNE 4, 1983 (JYAISTHA 14, 1905)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है, जिससे कि यह भिन्न संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस
(Notifications and Notices issued by the Patent Office relating to Patents and Designs)

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Calcutta, the 4th June 1983

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1—97 GI/83

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APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

214, ACHARYA JAGADISH BOSE ROAD,
CALCUTTA-700 017

The dates shown in crescent brackets are the dates claimed under Section 135, of the Act.

28th April 1983

517/Cal/83. Hoechst Aktiengesellschaft. A process and a device for the continuous dyeing and/or finishing of wet textile webs.

518/Cal/83. Dorr-Oliver, Inc. Fluidized Bed Boilers.

519/Cal/83. The Plessey Company plc. Fault detection arrangements for digital telecommunications exchanges. (April 28, 1982).

520/Cal/83. Unie Van Kunstmestfabrieken B.V. Process for the preparation of urea.

(349)

29th April 1983

- 521/Cal/83. Owens-Illinois Inc. Apparatus for producing tubular plastic sleeves for application to containers.
- 522/Cal/83. The Lubrizol Corporation. Phosphorus and sulfur-containing lubricating composition and functional fluid compositions of improved thermal stability.
[Divisional date April 11, 1980].
- 523/Cal/83. Combustion Engineering, Inc. Remote dewatering scraper conveyor.
- 524/Cal/83. Aluminium Pechiney. Detachable arrangement for spot feeding alumina to an electrolytic tank for the production of aluminium.

30th April 1983

- 525/Cal/83. Corning Glass Works. A preform for a high bandwidth optical filament.
[Divisional date July 26, 1979].
- 526/Cal/83. Corning Glass Works. A preform for a high bandwidth optical filament.
[Divisional date July 26, 1979].

2nd May 1983

- 527/Cal/83. Biman Kumar Pathak. Braking device for vehicles, with means for energy retrieval and utilization.
[Divisional date November 2, 1979].
- 528/Cal/83. Elkem a/s. Method and apparatus for charging furnaces.
- 529/Cal/83. Kabushiki Kaisha Meidensha. Enclosed Switchboard.
- 530/Cal/83. Commonwealth Scientific and Industrial Research Organization and Queensland Phosphate Limited. Phosphate ore beneficiation. (May 5, 1982).
- 531/Cal/83. Phillips Petroleum Company. A process for producing physiologically active protein.
- 532/Cal/83. Hoechst Aktiengesellschaft. Water-Soluble Disazo Compounds, processes for their preparation, and their use as dyestuffs.
- 533/Cal/83. Hoechst Aktiengesellschaft. Water-Soluble Disazo Compounds.
- 534/Cal/83. Carrier Corporation. A heat Exchanger assembly for a refrigeration system.
- 535/Cal/83. Jens Ole Sorensen. Improved solar heating of water utilizing coverites.

3rd May 1983

- 536/Cal/83. Raychem Corporation. Assembly and method for cable joint protection. (February 15, 1983).
- 537/Cal/83. Linde Aktiengesellschaft. Process and device for the production of gaseous oxygen at elevated pressure.
- 538/Cal/83. Dresser Industries, Inc. Method for coordinating the speeds of motions.
[Divisional date February 9, 1979].
- 539/Cal/83. Gnb Batteries Inc. Electrically Heatable mold and method of casting metal straps.
- 540/Cal/83. Gnb Batteries Inc. Apparatus and method for casting straps on battery cell elements.
- 541/Cal/83. Moskovsky Zavod Traktornykh Gidroagregatov. Improvement in relation to hydraulic directional control valves.
- 542/Cal/83. Karl Bernstein. Nuclear Radiation measuring apparatus and method.

- 543/Cal/83. E.I.Du. Pont De Nemours and Company. Apparatus and method for transferring a bingham solid through a long conduit.

4th May 1983

- 544/Cal/83. Bholanath Sil. Sil Pumping set.
- 545/Cal/83. The Babcock & Wilcox Company. Coordinated Control Technique and arrangement for steam power generating station.
- 546/Cal/83. The Babcock & Wilcox Company. Olefin oxidation reactor temperature control.
- 547/Cal/83. The Babcock & Wilcox Company. Digital Generation of 3 phase pwm waveforms for variable speed control of induction motor.
- 548/Cal/83. Volund Miljoteknik A/S. A stepped grate for an incinerator plant. (May 13, 1982).
- 549/Cal/83. The Energy Conversion Devices, Inc. Photo-Assisted Cvd.
- 550/Cal/83. Roto-Master, Inc. Improved semi-floating bearing.
- 551/Cal/83. Gnb Batteries Inc. Apparatus and method for assembling battery cell.
- 552/Cal/83. Splendorplast S.p.A. Ladies' Sandal, of easy and rapid assemblage.
- 553/Cal/83. Tata Engineering & Locomotive Co. Ltd. Coupling for connecting two shafts of same or different diameters.
- 554/Cal/83. Tata Engineering & Locomotive Co. Ltd. Device for coupling pipes.
- 555/Cal/83. R. S. P. Company. Method for the hysteroscopic non-surgical sterilization of females.
[Divisional date July 23, 1979].
- 556/Cal/83. BBC Brown Boveri & Company, Limited. A method for limiting the breaking currents of circuit breakers in a high-voltage switching system and application of the method.
- 557/Cal/83. Dynamit Nobel Aktiengesellschaft. Tool for an extruder.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH,

MUNICIPAL MARKET BUILDING, III FLOOR, KAROL BAGH, NEW DELHI-5.

26th March, 1983

- 197/Del/83. Kailash Kumar Gauri, "New pyrazolo [3; 4-d] pyrimidines, processes for their preparation and medicaments containing them".

28th March, 1983

- 198/Del/83. E. R. Squibb & Sons, Inc., "Dressing, granules, and their use in treating wounds".

30th March, 1983

- 199/Del/83. Aspeq Pneumatics Private Limited, "A clutch".
- 200/Del/83. Aspeq Pneumatics Private Limited, "A high pressure compressor".
- 201/Del/83. Cement Research Institute of India, "A process for the manufacture of high strength insulating bricks".
- 202/Del/83. Foster Wheeler Power Products Limited, "A fluidized bed heat exchanger".
- 203/Del/83. Gwenole LE Jeune, "A method and a device for separating phases for rigid multiphases materials".
- 204/Del/83. The Liposome Co. Inc., "Stable plurilamellar vesicles".
- 205/Del/83. Bihani Industries, "Back element for a torch".

31st March, 1983

- 206/Del/83. Council of Scientific and Industrial Research, "An apparatus for precision low temperature vapour deposition of thin film coatings on wafer substrates".
- 207/Del/83. Council of Scientific and Industrial Research, "A process for the preparation of estriolglucose-6-phosphate dehydrogenase enzyme conjugate (E₃CMEG6PD)".
- 208/Del/83. Council of Scientific and Industrial Research, "Process for the preparation of 3-acetyl-1, 2, 3, 4, 6, 7, 12, 12b-octahydroindolo (2, 3-a) quinolin-2-one".
- 209/Del/83. Council of Scientific and Industrial Research, "A process for the fire/flame retardant treatment of coir & coir products".

31st March, 1983

- 210/Del/83. GKN Technology Limited, "Composite leaf springs" (April 21, 1982 and September 14, 1982).
- 211/Del/83. Velsicol Chemical Corporation. "Heterocyclic amides of phenoxyphenoxy-alkanoic acids".
- 212/Del/83. Otis Elevator Company. "Elevator polyphase motor control".
- 213/Del/83. Richard A. Moerman and Barry Sullivan, "Apparatus for forming structural sheets from fibrous biological waste".
- 214/Del/83. Armco Inc., "Non-contact sensor for determining moving flat steel strip shape profile".

2nd April, 1983

- 215/Del/83. Krishna, "Method for constructing buildings and buildings so constructed".

4th April 1983

- 216/Del/83. The Bendix Corporation, "Disc brake assembly".

5th April, 1983

- 217/Del/83. Fenn & Company, "Material for drying cut plants and grains and methods of facilitating such drying".
- 218/Del/83. Imperial Chemical Industries PLC., "Ammonia production process" (April 14, 1982).
- 219/Del/83. Creusot-Loire, "Device for pointing a solar collector".

APPLICATIONS FOR PATENTS FILED IN THE PATENT
OFFICE BRANCH AT TODI ESTATES 3RD FLOOR
SUNMILL COMPOUND LOWER PAREL
(WEST) BOMBAY-13

26th March 1983

- 108/BOM/83. Orthopaedic Hospital Swasthiyog-Pratishthan. A compression device for treatment of intertrochanteric fractures.

31st March 1983

- 109/BOM/83. Zueb I. Nagree, SOFA-CUM-BED.
- 110/BOM/83. Madhav Balwant Vaishampayan. Improvements in or relating to strapping machines.
- 111/BOM/83. Gajanan Sadashiv Ekbote. Hinges for suitcases.
- 112/BOM/83. Gajanan Sadashiv Ekbote. Improvements in or relating to automatic drilling machines.
- 113/BOM/83. Gajanan Sadashiv Ekbote. A locking mechanism for motor cycle bags.
- 114/BOM/83. Gajanan Sadashiv Ekbote. Method and apparatus for integral flange formation whilst drilling.

2nd April 1983

- 115/BOM/83. Purushottam Manohar Wagh. Improvements in or relating to Bus/Coach plying on road for long or short distance travel.

4th April 1983

- 116/BOM/83. Nozer Kermdn Desai. Device for increasing the efficiency in Boilers.
- 117/BOM/83. Oronzio De Nora Impianti Elettrochimici. A process for preparing a homogeneous phase of oxides of at least two different metals.
- 118/BOM/83. Mr. Shrinivas Vinayak Joshi & others. The improved Crate washing machine.

5th April 1983

- 119/BOM/83. Nirlon Synthetic Fibres. Improved Process for the preparation of halogen derivatives of terephthalic diamide.

6th April 1983

- 120/BOM/83. Shri Dhondiram Balvant Potadar. 'T' type Sluice Valve.
- 121/BOM/83. Virat Mohanlal Vora. Mechanised Potter's Wheel.
- 122/BOM/83. N. V. Nederlands Metaalindustrie Polynorm. A device adapted to mount into a wall opening a metal jamb or frame.

7th April 1983

- 123/BOM/83. G. K. Jones. A process for the conversion of compact forms of hormitic clays into fine powders suitable for use in preparation of drilling fluids and other commercial activities.
- 124/BOM/83. Comphor and Allied Products Limited. A process for the oxidation of 4-Chloro- α -(1Methylethyl) Benzeneacetaldehyde to 4-Chloro- α -(1Methylethyl) Benzeneacetic acid 'using alkali metal' and alkaline earth metal hypochlorites.
- 125/BOM/83. Camphor and Allied Products Limited. A process for the conversion of carbonyl compounds to oxitances with one extra carbon atom using trimethyl sulphonium methylsulphate and alkali.

11th April 1983

- 126/BOM/83. Kishore Pandurang Bapat. An Improved Pencil.

12th April 1983

- 127/BOM/83. Mitsubishi Denki Kabushiki Kaisha. Distance Relay.
- 128/BOM/83. Karne Tukaram Mugutrao. A Machine for Conveying and Gravity Feeding the Sugar Cane-Bagasse to a Roller Mill.
- 129/BOM/83. Geshuri Laboratories Ltd. A Process for Producing N-Phosphonomethylglycine Derivatives and Herbicidal Compounds and Compositions Prepared thereby.

13th April 1983

- 130/BOM/83. Hindustan Lever Limited. Dna Molecules Comprising the various Allelic forms of the structural Genes Encoding the Mammalian Proteins Preprochymosin Prochymosin, Pseudochymosin and Chymosin; Recombinant Dna Cloning vehicles Comprising Said Dna Molecules, Microorganisms Transformed thereby and synthesis of said proteins in these Microbial Hosts.
- 131/BOM/83. Babhubhai Nanubhai Patel & Gajera Rasiklal Nanubhai. All fields action air ship.

APPLICATION FOR PATENT FILED AT THE
PATENT OFFICE BRANCH,
61, WALLAJAH ROAD, MADRAS-2.

12th April, 1983

80/Mas/83. M. P. I. Venkateswaran. Novel Metal Remover System Applicable to Sintered Carbide Products.

20th April, 1983

81/Mas/83. Lucas Industries Public Limited Company. Disc Brakes.

82/Mas/83. Lucas Industries Public Limited Company. Disc Brakes.

21st April, 1983

83/Mas/83. S. Sudarshan. A novel domestic appliance.

84/Mas/83. J. Pattettu. An Electro Thermal Drier.

ALTERATION OF DATE

151595 } Ante dated to 8th June 1978.
748/Del/80.

151598 } Ante dated to 14th March 1979.
708/Cal/81.

COMPLETE SPECIFICATION ACCEPTED

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CLASS : 63E. 151590
Int. Cl. : H02k 9/00.

A DIRECTLY COOLED FIELD COIL FOR ELECTRIC MACHINES.

Applicants & Inventors : (1) NIKOLAI FEDOROVICH KUZMIN, OF LENINGRAD, PROSPEKT ENERGETIKOV, 72, KV. 14, USSR; (2) LEV ALEXANDROVICH SUKHANOV, OF LENINGRAD, ULITSA GAVRSKAYA, 8, KV. 43, USSR; (3) VLADIMIR PAVLOVICH LOSHKAREV, OF SVERDLOVSK, ULITSA IZBIRATELEI, 7, KV. 84, USSR; (4) GEORGY KONSTANTINOVICH SAPUNOV, OF SVERDLOVSK, ULITSA STACHEK, 25, KV. 95, USSR; and (5) VLADIMIR ZUSEVICH PEKNE, OF SVERDLOVSK, ULITSA KRASNOFLOTSEV, 10, KV. 28, USSR.

Application No. 265/Cal/80 filed March 6, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A directly cooled field coil for electric machines comprising an external section 1 and an internal section 2 both arranged coaxially, each of the said section 1 and 2 being made as turns of an insulated conductor 3 and including two hollow buses 4 disposed in parallel relationship and adjoining each other, said conductor 3 having a cross-section width greater than the height, the said sections 1 and 2 being parallel to each other and hydraulically inter-connected by securing to the end portions of the sections 1 and 2 tips 5 connected with a pressure collector and tips 6 connected with a discharge collector, the contact plates 7 being used to electrically interconnect the sections 1 and 2 by means of a jumper 8 mounted on the end portions of the sections 1 and 2.

Comp. Specn. 15 pages. Drgs. 3 sheets.

CLASS : 139 D. 151591
Int. Cl. C01b/1/00.

PROCESS FOR PRODUCING HYDROGEN FROM SYNTHESIS GAS CONTAINING COS.

Applicants : AIR PRODUCTS AND CHEMICALS, INC., OF P. O. BOX 538, ALLENTOWN, PENNSYLVANIA 18105, UNITED STATES OF AMERICA.

Inventors : WILLIAM PATRICK HEGARTY.

Application No. 315/Cal/80 filed March 19, 1980.

Convention date February 26, 1980/(346465) Canada.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

23 Claims.

In the process of desulfurizing, shifting and decarbonizing a contaminated synthesis gas stream obtained by gasification of coal or heavy hydrocarbon oil by physical absorption to obtain a purified hydrogen rich stream, the improvement which comprises: effecting such desulfurizing with organic solvent in two absorption stages, wherein the gaseous products from the first absorption stage, containing unremoved COS are subject to shift reaction with water over sulfide-resistant shift catalyst to convert CO therein to CO₂ and hydrogen, while hydrolyzing the COS therein to form H₂S; and subjecting the products of said shift reaction to the second absorption stage for removal of essentially all of the contained residual sulfide gases therefrom and recycling the resulting rich solvent to the first absorption stage for desulfurization.

Comp. Specn. 22 pages. Drg. 1 sheet.

CLASS : 71 B. 151592
Int. Cl. : E02f 3/00.

EXCAVATION OR TRENCHING PLATE.

Applicant & Inventor : JOSEF KRINGS, OF D. 5138 HEINSBERG OBERBRUCH, HANS-BOCKLER-STRASSE 23, GERMAN FEDERAL REPUBLIC.

Application No. 350/Cal/80 filed March 26, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 Claims.

An excavation support comprising a panel having : a plurality of vertical beams defining a plurality of side-by-side vertical chambers;

a horizontal tie bar connecting the said beams: upper and lower horizontal beams spanning the upper and lower ends of the vertical beams; the vertical beams which forms the end vertical beams of the said chambers each having a vertical channel, each opening into the respective chamber, the openings in the said end chambers being formed in the front walls, means for detachably securing each terminal end beam to its adjacent end most vertical beam.

Comp. Specn. 20 pages. Drgs. 3 sheets.

CLASS : 35 C.

151593

Int. Cl. : C04b 7/00.

METHOD OF MANUFACTURING CEMENT CLINKER.

Applicants : ORISSA CEMENT LIMITED, OF RAJ-GANGPUR-770017, DIST-SUNDARGARH, ORISSA, INDIA.

Inventor : MANZOOR AHSAN.

Application No. 661/Cal/80 filed June 4, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

A method of manufacturing cement clinker having high compressive strength which comprises intimately mixing together dolomitic limestone and argillaceous clay in such proportion as to obtain a raw mix having the following chemical composition :—

SiO ₂	10.0 to 12.0%
CaO	43.0 to 44.5%
MgO	4.0 to 6.0%

burning the raw mix at the clinkering temperature of 1250° to 1350°C to obtain a cement clinker having the following chemical composition—

SiO ₂ 19.0 to 22.0%
CaO 63.0 to 65.0%
MgO 5.0 to 10.0%

Comp. Specn. 7 pages. Drg. Nil.

CLASS : 32F, & F₁(b).

151594

55E_a.

Int. Cl. : C07d 27/56 & A61k 27/00.

PROCESS FOR PREPARING INDOLIZINE DERIVATIVES.

Applicants : S. A. LABAZ N. V., AVENUE DE BEJAR, 1 B-1120 BRUXELLES, BELGIUM.

Inventors : GILBERT ROSSEELS and PIERRE NOKIN.

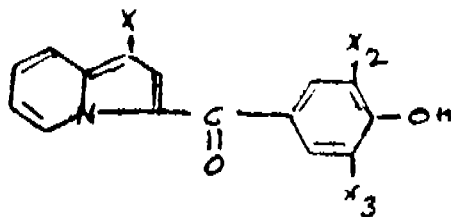
Application No. 738/Cal/80 filed June 26, 1980.

Convention date July 6, 1979/(23599/79) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

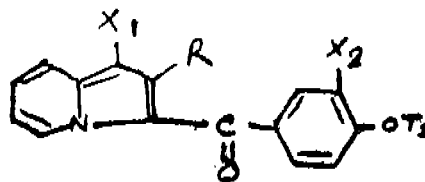
14 Claims.

A process for preparing indolizine derivatives corresponding to the general formula I of the accompanying drawing



in which R represents a straight - or branched-chain alkyl radical having from 1 to 8 carbon atoms, or a phenyl group non-substituted or bearing one or two substituents, which may be the same or different, selected from halogen atoms, for example fluorine, chlorine and bromine and from lower alkyl and alkoxy groups, for example methyl and methoxy and X₁, X₂ and X₃, which may be the same or different, each represent hydrogen, chlorine, bromine or methoxy with the provision that when they are identical X₁, X₂ and X₃ are not simultaneously hydrogen, whereby an indolizine derivative

of the general formula IV as shown in the accompanying drawing



in which X₁ represents hydrogen or methoxy, X₂ represents chlorine, bromine or methoxy, Ts represents a p-toluenesulfonyl radical and R has the same meaning as given above, is refluxed in a suitable solvent such as dichloroethane with an alkali metal hydroxide so as to provide the corresponding metal salt which is subsequently hydrolysed at room-temperature in the presence of a hydrohalic acid to obtain the required compound in which X₁ represents hydrogen or methoxy, X₂ represents chlorine, bromine or methoxy and X₃ is hydrogen.

Comp. Specn. 43 pages. Drgs. 2 sheets.

CLASS : 68E₁.

151595

Int. Cl. : G05f 1/10.

A VOLTAGE STABILIZER.

Applicants : RACOLD APPLICANCES PRIVATE LTD., VANDHANA, 11TH FLOOR, TOLSTOY MARG, NEW DELHI-110001, INDIA.

Inventor : KRISHEN PRASAD SETHI.

Application No. 748/Del/80 filed October 14, 1980.

Division of Application No. 424/Del/78 filed June 8, 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

6 Claims.

A voltage stabilizer comprising a transformer the primary winding of which is adapted to be connected to a power source, the said transformer having a first and a second secondary windings, said second secondary winding being coupled to a low and high voltage sensor circuit having a relay, and the said first secondary winding having a plurality of tappings, a manually operated actuator arm adapted to connect selectively one of the terminals of the tappings to a load socket through a first arm and a contact of the said relay for boosting or bucking the voltage of the power source, a second arm and a second contact being provided for connecting a high voltage trip indicator or lamp to the power source.

Comp. Specn. 10 pages. Drgs. 2 sheets.

CLASS : 55D₁.

151596

Int. Cl. : A01n 9/00.

A PROCESS FOR PREPARING LIQUID INSECTICIDE COMPOSITIONS CONTAINING SYNTHETIC PYRETHROIDS.

Applicants : MONTEDISON S.p.A., OF 31, FORO BUONAPARTE, MILAN, ITALY.

Inventors : ANACLETO DAL MORO, FRANCO PINAMONTI AND ANGELO LONGONI.

Application No. 1032/Cal/80 filed September 10, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

29 Claims.

A process for preparing an insecticide composition, comprising admixing a synthetic pyrethroid such as herein described as an active principle, of unsaturated, optionally poly-oxiethylated fatty acids, vegetable oils, glycerides of polyoxiethylated unsaturated fatty acids or mixtures thereof,

as main vehicle and of one or more surfactants and, optionally, one or more alkylaromatics solvents and one or more U.V. stabilizers and/or antioxidants, characterized in that they have the following compositions :

A—Active principle	1—50% by weight
B—Vehicle	30—80% by weight
C—Surfactant	0.5—20% by weight
D—Solvent	5—30% by weight
E—U.V.-stabilizer	0—5% by weight.

and/or anti-oxidizer.

Comp. Specn. 41 pages. Drg. 1 sheet.

CLASS : 61H.

151597

Int. Cl. : F26b 3/00, 3/14.

PROCESS FOR DRYING AND MODIFYING OF ORGANIC SOLID MATERIALS, PARTICULARLY BROWN COALS.

Applicants : VOEST-ALPINE AKTIENGESellschaft, OF A-1011 VIENNA, FRIEDRICHSTRASSE 4, AUSTRIA.

Inventor : ALOIS JANUSCH, and FRANZ MAJER.

Application No. 1288/Cal/80 filed November 18, 1980.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

Process for drying and modifying or organic solid materials, particularly brown coals, in which the preheated solid materials are continuously passed through at least one drying stage operated with saturated steam and are in this drying stage subjected to the action of saturated steam under superatmospheric pressure and elevated temperature, the condensed water and the waste water expelled from the solid materials being at least partially discharged, characterized in that the solid materials are subsequently further dried in a steam atmosphere at a temperature of the steam atmosphere of at least 200°C thereby supplying superheated steam and centrifuging (4) the solid materials, in that the steam of the steam atmosphere is passed along a closed circuit through at least one heat exchanger (6) for obtaining and, respectively, for maintaining the temperature of the steam atmosphere, in that the excessive portion of the steam to be supplied to the heat exchanger (6) is tapped off and introduced into the drying stage (2) operated with saturated steam and in that the solid materials are, after having been centrifuged (4), discharged from the steam atmosphere and pressure-released.

Comp. Specn. 11 Pages. Drg. 1.

CLASS : 32F₁, 32F₂, 55D₁.

151598

Int. Cl. : C07d 7/00 & A61k 27/00.

PROCESS FOR THE PRODUCTION OF ANTIVIRAL FLAVANS.

Applicants : THE WELLCOME FOUNDATION LIMITED, OF 183-193 EUSTON ROAD, LONDON, N.W. 1, ENGLAND.

Inventors : JOHN FREDERICK BATCHELOR, DENIS JOHN BAUER, HAROLD FRANCIS HODSON, JOHN WILLIAM TALBOT SELWAY AND DAVID ALBERT BLAKER YOUNG.

Application No. 708/Cal/81 filed June 29, 1981.

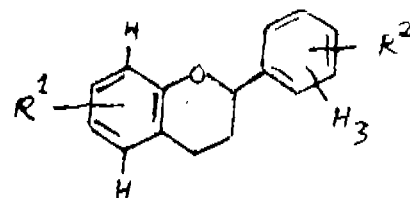
Convention date March 15, 1978/(10251/78) U.K.

Division of Application No. 248/Cal/79 dated 14th March, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

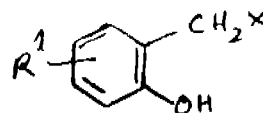
A process for producing mono-, di- and tri-substituted flavan derivatives of formula (II) as shown in the accompanying drawings,



wherein R¹ represents two substituents selected from the class consisting of halogen, nitro, cyano, trifluoromethyl, lower alkylamino, lower alkyl and hydrogen

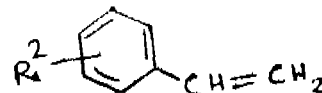
and R² represents two substituents selected from the class consisting of halogen, nitro, cyano, trifluoromethyl, lower alkylamino, amino, lower alkyl, lower alkoxy except 4'-lower alkoxy, hydroxyl except 4'-hydroxyl and hydrogen

provided that when R² represents two hydrogens, one of the substituents represented by R¹ is other than hydrogen or lower alkyl and also provided that at least one of the substituents represented by R¹ and R² is a hydrogen atom characterized by condensing in a manner known per se a compound of formula (V) as shown in the drawings



wherein

X is hydroxyl group or a halogen atom and R¹ is as defined above with a compound of formula (VI) as shown in the drawings



wherein R² is as defined above

and optionally thereafter converting a compound of formula (II) as shown in the drawings so formed into another compound of formula (II) and if required forming salts of compound of formula (II) having an amino or hydroxyl substituent by reaction, in an aqueous medium, with an appropriate mineral or organic acid or base.

Comp. Specn. 20 pages. No. of Drg. 1 sheet.

CLASS : 188.

151599

Int. Cl. : C23c 1/08.

IMPROVEMENT IN THE METHOD OF TREATING FERROUS STRAND BY HOT DIP COATING PROCEDURE.

Applicants : BETHLEHEM STEEL CORPORATION, OF 701 EAST THIRD STREET, BETHLEHEM, PENNSYLVANIA, 18016, U.S.A.

Inventors : LAURENCE BAKER CALDWELL, JAMES JOSEPH CONNOLLY, DUDLEY NEVILLE PERSKE, RICHARD CHARLES BARRETT, AND MALCOM ROBERT JOHN GROVE.

Application No. 1782/Cal/77 filed December 29, 1977.

Addition to No. 138036 filed August 13, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

In the method of forming a coating on a ferrous base with a silicon-containing aluminium-zinc alloy consisting essentially of 25% to 70% by weight of aluminium, balance substantially zinc, in which the ferrous base is passed through

a protective hood and into a molten bath of said alloy, the ferrous base and the portion of the surface of said molten bath within said protective hood are continuously subjected to a hot gas which when introduced into said protective hood has a temperature not lower than 399°C, (750°F), and wherein a portion at least of said hot gas is first caused to sweep across the surface of the bath adjacent the region of entry of the ferrous base and then to flow countercurrent to the direction of movement of said ferrous base, the improvement wherein the hot gas comprises from 6 to 15% by volume of hydrogen, balance essentially nitrogen and the dew point is not greater than -73.3°C (-100°F).

Comp. Specn. 4 pages. Drg. Nil.

CLASS 50B.

151600.

Int. Cl. F28c 1/00.

A WATER COOLING TOWER.

Applicants: THE MARLEY COMPANY, 5800 FOX-RIDGE DRIVE MISSION, KANSAS 66202, UNITED STATES OF AMERICA.

Inventors: HOMER EDMUND FORDYCE AND WILLIAM CLYDE CARTER.

Application No. 838/Cal/78 filed August 2, 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A water cooling tower comprising:

a hot water distribution basin having a generally horizontal bottom wall;

fill structure beneath said distribution basin for dispensing hot water gravitating from the latter for enhancing the evaporative cooling of the hot water;

a cold water collection basin beneath said fill structure for collecting cooled water gravitating from the latter;

means for directing ambient derived air currents through said fill structure for cooling off the hot water gravitating there-through;

selectively actuatable deicing means for deicing the outer margin of said tower, including—

horizontal, elongated slot means extending through the bottom wall of the distribution basin at an area of said bottom wall generally parallel to and overlying the outer margin of said tower, said slot means being configured

and arranged for downward delivery of sufficient quantities of hot water therethrough directly onto at least a portion of said outer margin of the tower to effect deicing thereof under cold weather conditions;

elongated, shiftable cover means overlying said slot means in at least partial water flow-blocking disposition thereto; and selectively actuatable means for shifting said cover means as desired from said flow-blocking disposition to a deicing position permitting free flow delivery of hot water through said slot means and for selective return of said cover means to said flow-blocking disposition when deicing of the tower is complete;

an annular, hot water carrying flume disposed horizontally adjacent said distribution basin for delivery of hot water thereto,

said flume being configured to maintain a water level spaced above said bottom wall of the distribution basin; and

means for establishing fluid flow communication between said distribution basin and said flume at an elevation corresponding to the elevation of said bottom wall such that

the water in said flume above said bottom wall is available to maintain an adequate water head for providing a flow of hot water through said slot means sufficient to create a substantially continuous, vertically extending curtain of water along selected portions of said outer margin of the tower whereby air flow therethrough is temporarily blocked to enhance the deicing properties of the hot water.

Comp. Specn. 21 pages. Drgs. 3 sheets.

CLASS: 107G.

151601.

Int. Cl. F02m 57/00.

CONTROL OF NEEDLE LIFT IN FUEL INJECTORS.

Applicants: MASCHINENFABRIK AUGSBURG-NURNBERG AKTIENGESELLSCHAFT, OF KATZWANGER STRASSE 101, 8500 NURNBERG, WEST GERMANY.

Inventor: FRANZ CHMELA.

Application No. 280/Cal/79 filed March 22, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims

Control of valve needle lift in fuel injectors for direct-injection internal combustion engines wherein an injector having at least one fuel supply pipe and on leak off pipe is provided with a nozzle body in which is situated an axially slidably supported valve needle which is maintained by the force of at least one closing spring in its closing position and capable of being lifted off its valve seat by the pressure of the fuel, characterized in that a ported sleeve (6) is provided with connecting ports (18) between a pressure space (17) and the leak-off circuit (19) and capable of being moved axially by means of a hydraulic control medium and in that the connecting ports (18) are capable of being covered by a piston (15) on the end face (5) of the ported sleeve (6) being acted upon by the control medium and on the valve needle (3) being lifted off its valve seat permitting the valve needle lift to be reduced.

Comp. Specn. 12 pages.

Drgs. 2 sheets.

CLASS: 39K.

151602

Int. Cl. C01b 17/72.

PROCESS FOR THE PRODUCTION OF SULPHURIC ACID.

Applicants: POLITECHNIKA WARSZAWSKA, OF WARSZAWA, PL. JEDNOSCI ROBOTNICZEJ 1, POLAND.

Inventors: ANDRZEJ URBANEK AND BOLESŁAW MŁODZINSKI.

Application No. 749/Cal/79 filed July 21, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A process for the production of sulphuric acid using contact method with single or double conversion such as herein described characterized in that, gas stream containing SO₂ going out of contact apparatus is partially wet absorbed by means of sulphuric acid aqueous solution, and partially dry absorbed by means of grinded phosphorite, and the gas minimum quantity directed to wet absorption is determined by sulphur dioxide concentration in air used in the process, by sulphur dioxide concentration in gases entering to contact apparatus and by produced sulphuric acid concentration, and gases after a dry absorption are cleaned from dust and from fluorine compounds.

Comp. Specn. 10 Pages.

Drgs. 2 sheets.

CLASS : 172 F.

151603

9 Claims

Int. Cl. D02g 1/00 D02q 3/00.

COMBINATION YARN CONSISTING OF A FALSETWIST TEXTURED POLYESTER CONTINUOUS MULTIFILAMENT YARN AND A SPUN YARN AND METHOD OF ITS MANUFACTURE.

Applicants : AK ZON V., OF IJSSELLAAN 82, 6800LS ARNHEM, THE NETHERLANDS.

Inventor : VAN G. RHASH.

Application No. 456/Cal/79 filed May 4, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims

A combination yarn consisting of a faltetwist textured polyester continuous multifilament yarn containing at least 30 filaments with an average denier per filament of less than 5 and total denier of 110 to 340 and a spun yarn having a cotton count finer than 15/1 selected from the groups of cotton, wool rayon, polyester, silk, nylon, acrylics, asbestos, glass and blends or polyester and cotton and polyester and wool; the spun yarn being randomly wrapped around the continuous filament yarn in varying degrees along its length, and filaments of the continuous filament yarn being separated and wrapped around the spun yarn and then interlaced to form locking points along the combination yarn length, the combination yarn having an interyarn tangle factor IYTF of at least 20, the interyarn tangle factor being the factor obtained by dividing 100 by the average tangle distance, the percent of continuous filament yarn being between 50% to 80% and the percent of spun yarn being between 20% to 50%.

Comp. Specn. 24 pages.

Drgs. 3 sheets.

CLASS : 90F+I+K.

151604

Int. Cl. C03c 3/00 C03b 15/00 G02b 5/14.

METHOD OF PRODUCING GLASS FILAMENTS.

Applicants : CORNING GLASS WORKS, OF HOUGHTON PARK, CORNING, NEW YORK 14830 UNITED STATES OF AMERICA.

Inventor : PETER CHARLES SCHULTZ.

Application No. 605/Cal/79 filed June 12, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims

A method of producing glass filaments from a tubular glass preform having throughout its mass a network of interconnected pores and a composition which is substantially uniform to impart to said mass a substantially uniform refractive index, modifying the refractive index of said mass in such manner as herein described that the refractive index at the outer portion thereof is less than at its inner portion, and consolidating in a manner such as herein described the preform to form a tubular dense glass body having a gradient refractive index, characterized in that said mass is dried and simultaneously has its index of refraction modified during or before said consolidating step.

Comp. Specn. 26 pages.

Drgs. 2 sheets.

CLASS : 61F.

151605

Int. Cl. A23f 3/00 F26b 3/06.

APPARATUS FOR DRYING TEA LEAVES.

Applicants : THE WESMAN ENGINEERING CO. PVT. LTD. OF 1/2, ALLENBY ROAD, CALCUTTA-700020, STATE OF WEST BENGAL, INDIA.

Inventor : TONY VASWANI.

Application No. 675/Cal/79 filed July 2, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

A tea drying apparatus comprising a drying chamber, a pair of endless chains travelling from a higher to a lower level to form a series of chain circuits one above the other, trays attached to the said chains, a number of horizontal tray runs, one pair of tray runs being provided for each circuit, cut-aways formed in the said horizontal trays runs, said trays being provided with rollers which roll on the horizontal angle runners characterized by that the length of each chain circuit progressively increases so that the length of the travel of the chain carrying the trays is increased in successive circuits from top to bottom whereby the leaves as they enter the circuits or sections one below the other are subjected to longer duration of heat treatment and that the drive system of all the chains is at one point and from the same main shaft the guide pulley of the respective chains are driven.

Comp. Specn. 13 pages.

Prov. Specn. 6 pages.

Drgs. 2 sheets.

CLASS : 130 J, & 40F.

151606

Int. Cl. C22b 15/08.

AN IMPROVED METHOD FOR THE RECOVERY OF COPPER AND ZINC VALVES.

Applicants : PROJECTS & DEVELOPMENT INDIA LTD., OF C.I.F.T. BUILDINGS, P.O. SINDRI, PIN 828122, DIST. DHANBAD, BIHAR, INDIA.

Inventors : SHANKAR PRASAD SEN, DR. HARTSHIKESH CHANDRA ROY, NIRANJAN RAY, DURGA PRASAD DAS AND DR. SUBRATA DUTTA-CHAUDHURI.

Application No. 973/Cal/79 filed September 17, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

An improved method for the recovery of copper and zinc values as copper metal and zinc sulphate respectively from spent catalysts used for the conversion of carbon monoxide to carbon dioxide which comprises :

subjecting the said spent catalyst obtained from a low temperature shift conversion process to a step of disintegration such that substantial portion of the material passes through 60 to 120 mesh;

dissolving thus obtained material in strong sulphuric acid to obtain a solution;

removing the insoluble portion therefrom;

treating the clear solution with metallic zinc to precipitate copper metal;

separating the precipitated metallic copper and subjecting the liquid to oxidation with known oxidising agent in order to convert ferrous iron to the ferric form;

treating the oxidised solution with zinc oxide to obtain precipitate of ferric iron as hydroxide;

separating the said ferric hydroxide from the so treated solution; and finally

recovering zinc sulphate from the resultant solution by evaporation.

Comp. Specn. 12 pages.

Drg. Nil.

CLASS : 68E.

151607

Int. Cl. G05f 1/00.

CIRCUIT FOR ADJUSTING IGNITION GENERATORS.

Applicants : LICENTIA PATENT-VERWALTUNGSG.M.B.H. D-6000 FRANKFURT/MAIN, THEODOR-STERN-KAI 1, FEDERAL REPUBLIC OF GERMANY.

Inventor : JURGEN GIERA.

Application No. 1056/Cal/79 filed October 10, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

Circuit for adjusting ignition generators to mains conditions for control set operating according to the vertical control principle—of a multi-phase mains-run converter/rectifier with at least one saw-tooth generator constructed with an integrator, which is connected on the input side for the control of the steepness of the saw-tooth voltage to a controller impinged upon by the control voltage dependent on the variable mains frequency, characterised thus, that per converter phase the integrator of the saw-tooth generator (2) is connected as a controlled system into a control loop in such a manner, that :

the input of the integrator is connected to a source (5) of reference voltage providing a reference input common for all phases and the output of the integrator is connected to a means value former (7), the output of the mean-value former (7) is switched with the output voltage as a standard magnitude to a check point, to which is also connected the output of a reverse magnifier (8) providing its output voltage as reference input, the reverse magnifier (8) being connected at the input side to the source (5) of reference voltage, and that the check point for feeding the difference between standard magnitude and reference input is connected to the input of a regulator (6) connected on its output side to the integrator of the saw-tooth generator (2).

Comp. Specn. 9 pages.

Drgs. 5 sheets.

CLASS : 83B.

151608

Int. Cl. C12h 1/00, A231 3/00 & A01j 11/16.

AN APPARATUS FOR STERILISING AND/OR HOMOGENISING A FLUID PRODUCT BY THE INJECTION OF STEAM.

Applicants : SOCIÉTÉ DES PRODUITS NESTLÉ S.A.,
CASE POSTALE 353-1800 VEVEY, SWITZERLAND.

Inventor : ERNEST BADERTSCHER.

Application No. 1177/Cal/79 filed November 12, 1979.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

An apparatus for sterilising and/or homogenising a fluid product by the injection of steam, the apparatus comprising a T-shaped body formed by a straight tube having an inlet and an outlet end and a tubular arm for introducing the fluid product, a steam injection nozzle disposed axially in the inlet end of the tube and opening into a mixing region at the junction between the arm and the tube, the nozzle having an inner wall which converges downstream onto a short passage

of constant cross-section which opens at its outlet end into the mixing region and a mixing screen positioned in the tube at a distance downstream from the outlet end of the passage of the nozzle.

Comp. Specn. 26 pages.

Drgs. 4 sheets.

OPPOSITION PROCEEDINGS

(1)

The opposition entered by Council of Scientific & Industrial Research to the grant of a patent on application No. 150303 made by Eastern Carbons as notified in Part-III, Section 2 of the Gazette of India, dated the 12th March, 1983 has been dismissed due to non-filing of written statement and a patent ordered to be sealed.

(2)

An opposition entered by Council of Scientific and Industrial Research to the grant of a patent on application No. 150295 made by Eastern Carbons as notified in Part-III, Section 2 of the Gazette of India, dated the 12th March, 1983 has been dismissed due to non-filing of written statement of opposition and a patent ordered to be sealed.

(3)

An opposition has been entered by Morarji Dorman Smith Private Limited to the grant of a Patent on application No. 150605 made by Mr. Siddharth Narendra Balsari and Mrs. Sheela Balsari.

(4)

An opposition has been entered by Morarji Dorman Smith Private Limited to the grant of a patent on application No. 150604 made by Mr. Siddharth Balsari and Mrs. Sheela Balsari.

PATENT SEALED

149939 149980 150000 150022 150051 150130 150144 150186
150273 150290 150291 150304 150307 150308 150369 150372
150373 150477 150479 150480 150485 150496 150499 150500

AMENDMENT PROCEEDING UNDER SECTION 57

The amendment proposed by W. L. GORE & Associates, Inc., in respect of patent application No. 128492 as advertised in Part III, Section 2 of the Gazette of India dated the 13th November, 1982 has been allowed.

CHEMICAL LIST : I

COMMERCIAL WORKING OF PATENTED INVENTION

The following Patents in the field of Chemical Industry are not being commercially worked in India as admitted by the Patentees in the statements filed by them under section 146(2) of the Patents Act 1970, in respect of Calendar year, 1981, generally on account of want of requests for Licence to work the Patented inventions. Persons who are interested to work the said Patents commercially may contact the Patentees for the grant of Licence for the purpose.

Sl. No.	Patent No.	Date of Patent	Name and address of Patentees.	Title of the inventions.
1	2	3	4	5
1	109119	31-1-67	Monsanto Company, at 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, United States of America.	L-chloroacetamides and phytotoxic compositions.
2	109963	28-3-67	Chemical Separations Corporation, of Bus Terminal Road, Oak Ridge, Tennessee, U. S. A.	Process for treating crude mineral solutions.
3	109964	28-3-67	Do.	Continuous cyclic process for the picking of metal for regenerating spent-pickle liquors acid for regenerating an agent employed to regenerate said spent pickle liquor.

1	2	3	4	5
4	113286	22-11-67	Monsanto Company, at 800 North Lindbergh Boulevard St. Louis, Missouri 63166, U.S.A.	Process for forming objects from a low viscosity melt.
5	115300	5-4-68	Do.	Production of carboxylic acids and esters.
6	115369	12-6-67	Haldor Frederik Axel Topsoe, of Frydenlundsvej, Trorod pr, Vedbaek, Denmark.	Improvements in or relating to nickel, iron or cobalt containing catalysts.
7	115800	7-5-68	Snamprogetti S. P.A., of 16 Corso Venezia, Milan, Italy.	Process for the production of urea.
8	116395	23-6-67	Aktieselskabet Dansk Svovloyre- OG Superphosphatfabrik, of 15 Amaliegade, Copenhagen, Denmark.,	Fertilizer production.
9	116552	28-6-68	Snamprogetti S.P.A., of 16 Corso Venezia, Milan, Italy.	Process for the production of urea.
10	116611	2-7-68	bumitomo Electric Industries, Ltd. No.15 Kitahama 5-chome Higashi-ku, Osaka, Japan.	An insulating varnish and a method of preparing the same.
11	116968	27-7-68	Snamprogetti S.p.A., of 16 Corso Venezia, Milan, Italy.	Process for the production of urea having a low carbamate contents.
12	119063	17-12-68	Laporte Titanium Limited, of Hanover House, 14, Hanover Square, London W. 1, England.	Improvements in or relating to the manufacture of titanium dioxide.
13	119801	11-2-69	Snamprogetti S.p.A., of 16 Corso Venezia, Milan, Italy.	Process for the catalytic hydrogenation of hydrocarbons for the production of High viscosity index lubricating oils.
14	120369	17-3-69	Monsanto Company, at 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Inhibiting premature vulcanization of diene rubbers and diene rubber vulcanizable compositions.
15	121974	24-6-69	Snamprogetti S.p.A., of 16 Corso Venezia, Milan, Italy.	Fibers containing enzymes process for their preparation and their use in enzymatic reactions.
16	122872	21-8-69	Carlisle Chemical Works INC West Street, Reading Ohio, U.S.A.	Zesters exhibiting internal-external lubricating properties in structural resins.
17	122947	28-8-69	DAIICHI SEIYAKU CO., LTD. No. 14-10, Nihonbashi 3-chome, Chuo-ku, Tokyo, Japan.	Method of preparing comenic acid and derivatives thereof.
18	122989	3-9-68	Carding specialists (Canada) Limited, of Suite 1315, 44 King Street West, Toronto 1, Ontario, Canada.	Improvement in or relating to the processing of silvers in textile machines.
19	123569	14-10-69	Mitsui Toatsu Chemical INC. Kasumigasekin Bldg. 8F, No. 2-5 Kasumigasekin 3-chome, Chiyoda-ku, Tokyo, Japan.	Mixed herbicide composition.
20	123598	16-10-69	E. I. Da Pont, Wilinington, Delamare, U.S.A	A perneation separations apparatus for separating fluids and process of urea separation.
21	123808	30-10-69	Monsanto Company, at 800 North Lindbergh Boulevard, St. Louis, Missouri-63166, U.S.A.	An agricultural composition for modifying the segmental development of plants comprising nitrilo compounds.
22	123933	7-11-69	KNGSF (Koninklijke Nederlandsche Gist- & Spiritusfabriek N.V.) Wateringseweg, DELFT, The Netherlands.	An active dried baker's yeast and a process of preparing the same.
23	124545	22-12-69	Snamprogetti S.p.A., of 16 Corso Venezia, Milan, Italy.	Improvements in or relating to the production of urea.
24	124558	23-12-69	Benlilt Corporation of America, 233 Broadway, New York, N.Y. 10017, U.S.A.	Beneficiation of ilmenite.
25	124663	5-4-68	Monsanto Company, at 800 North Lindbergh Boulevard, St. Louis, Missouri-63166, U.S.A.	Catalyst composition for use in the transformation of reactants and process for manufacturing same.

1	2	3	4	5
26	124675	2-1-70	Lankro Chemicals Limited, of Emerson House, Albert Street, Eccles, Manchester M30,01j, England.	Reaction products of dialkyltin oxides and higher dialkyltin monohydric aliphatic saturated alcohol esters of thiomalic and thiolactic acids, process for preparing the same and polyvinyl chloride resin composition containing such reaction products.
27	124676	2-1-70	Do.	Reaction products of dioctyltin oxide and dioctyltin monohydric aliphatic saturated alcohol thiolglycolate esters process for preparing the same and polyvinyl chloride resin composition containing such reaction products.
28	124827	13-1-70	Monsanto Company, at 800 North Lindbergh Boulevard, St. Louis, Missouri 63166, U.S.A.	Method of curing elastomeric article and apparatus therefor.
29	125177	6-2-70	Ishihara Sangyo Kaisha Ltd., No. 3-11 Edobori 1-chome Nishi-ku-Osaka, Japan. A Japanese Company.	A process for the production of titanium dioxide concentrate.
30	125271	3-3-69	Sherritt Gordon Mines Limited, at 2800 Commerce Court West, Toronto, Ontario, Canada.	Process for treating low Iron nickeliferous ores.
31	125334	6-3-69	Haldor Frederik Axel Topsoe, of Frydenlundsvej, Vedbaek, Denmark.	High temperature water gas shift reactions catalysts and process for their preparation.
32	125531	2-3-70	ICI LTD., J. C. H. Millbarkes London, S. W. 1, England.	Catalyst precursor method of making the same and process for Methanol synthesis employing a catalyst made by reducing the catalyst precursor.
33	125603	20-4-72	Pfizer INC., of 235 East 42nd Street, New York.	Direct mono-esterification of crylmalonic acids.
33(A)	125857	24-3-70	Josef Meissner GmbH & Co. 5, Koin-Bayenthal Bayenthalgurtel, 16-20, P.F. 76 Federal Republic of Germany.	A process for the separating of an emulsion.
34	125984	28-5-69	Haldor Fredrick Axel Topsoe, Frydenlundsvej, Vedbaek, Denmark.	Improvements in or relating to the preparation of catalyst.
35	125991	30-3-70	Snamprogetti S.p.A., of 16 Corso Venezia, Milan, Italy.	Purification of urea solutions.
36	126402	27-2-68	Hoechst A. G.	Process for dyeing mixtures of cellulose and cellulose—2 1/2-acetate fibres or of cellulose and cellulose triacetate fibres or of cellulose and polyacrylonitrile fibres.
37	126567	8-5-70	USS Engineers and Consultants, INC., 600 Grant Street, Pittsburg, State of Pennsylvania, U.S.A.	Apparatus for and method of protecting a sheet being electro plated with metal
38	126800	25-5-70	Snamprogetti S.p.A., of 16 Corso Venezia, Milan, Italy.	Process for the production of pellets of urea having a low biuret content.
39	126897	2-6-70	Alcan Research and Development Limited, of 1 Place Ville Marie, Montreal, province of Quebec, Canada H3C 3H2.	Apparatus for use in the preparation of Aluminium.
40	126902	2-6-70	Hoechst A. G.	Process for the manufacture of water soluble monoazo dyestuffs, process if dyeing printing or colouring textile materials using said dyestuffs and textile materials so dyed, coloured or printed.
41	126905	2-6-70	Catalysts and Chem INC. 1227, South twelfth Street, Louisville, Kentucky, U.S.A.	A process of purifying natural or refinery gas steam from the trace quantities of sulfur and chlorine compounds contained in it.
42	126943	4-6-70	Union Carbide Corporation, at 270 Park Avenue, New York, State of New York-100017.	Leclanche dry cell with Thick wall paste separator.

1	2	3	4	5
43	127033	11-6-70	Ciments Lafarge, of 28 rue Emile, Menier, Paris XVI, France.	Apparatus for the production of super white cement.
44	127399	4-7-70	Tenco Brooke Bond Limited, of 35 and 37 Cannon Street, London EC4, England.	Process for the enzymatic solubilisation of tea cream.
45	127492	10-7-70	Vacuum Volk Holdings Ltd., 360, Queen Street Nassau Bahamas.	Process and device for vulcanisation of prevulcanised treads or rings with normal or higher profiles.
46	127626	20-7-70	Snamprogetti S.p.A., of 16 Corso Venezia, Milan, Italy.	Process for the extraction of aromatic hydrocarbons.
47	127646	27-7-70	Do.	Process for the separation of conjugated diolefins from mixtures containing the same.
48	127658	22-7-70	Do.	Process for extraction of aromatic hydrocarbon from mixtures of aromatic and aliphatic hydrocarbons.
49	127752	28-7-70	Hoechst A. G. 45, Bruningstrasse, Frankfurt/Main, Federal Republic of Germany.	Process for preparing of new water insoluble monoazo dyestuffs, Plastics, and textiles materials, printing ink and lacquers having said dyestuffs.
50	127753	28-7-70	Hoechst A. G. 45 Bruningstrasse Frankfurt/Main F.R.G.	Process for the manufacture of copper containing monoazo dyestuffs.
51	127824	31-7-70	British Titan Limited, of 10 Stratton Street, London W1A 4XP England, Bilingham, Teerside, Great-Britain.	Process for the removal of iron from iron containing titaniferous materials.
52	127973	11-8-70	Union Carbide Corporation, at 270 Park Avenue, New York, State of New York-10017, U.S.A.	Cryogenic air separation process.
53	127981	11-8-70	Ishihara Sangyo Kaisha Ltd., No. 3-11, Edobori 1-chome, Nishi-ku- Osaka, Japan.	Process for producing titanium dioxide concentrate.
54	128088	19-8-70	Fabwerks Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning, of 45, Bruningstrasse, Frankfurt/Main, Federal Republic of Germany.	Improvement in the process for polymerizing olefins.
55	128182	26-8-70	Hoechst A. G. 45, Bruningstrasse, Frankfurt/Main, F.R.G.	Process for preparing new water soluble monoazo dyestuffs.
56	128193	26-8-70	Benson, field and Epes, of 640 Spruce Lane, Berwyn, Commonwealth of Pennsylvania, USA.	Separation of CO ₂ and H ₂ S from Gas mixtures.
57	128278	2-9-70	Snamprogetti. S.p.A., an Italian Company, of 16 Corso Venezia, Milan, Italy.	Process for the production of ethylene oxide.
58	128337	8-9-70	Benson, Field and Epes, of 640 Spruce Lane, Berwyn, Commonwealth of Pennsylvania, U.S.A.	Method for the removal of CO ₂ and H ₂ S from gas mixtures.
59	128385	11-9-70	Shell Internationale Research Maatschappij, Carel Van Bylandtlaan 30, The Hague, The Netherlands.	Process for hydrogenative cracking of carbonaceous material.
60	128386	11-9-70	Tedeco Textile Development Co. A/S. a Norwegian company, of St. Clave Gate, 21B Oslo 1, Norway,	Apparatus for treatment of fabrics with liquid ammonia.
61	128481	18-9-70	Liddeey, Owens Ford Co., 871, Madison Avenue, Tolado, Ohio, U.S.A.	Method of apparatus for bending glasses.
62	128542	22-9-71	Texaco Devi Corporation.	Improvements in or relating to the production of synthesis gases and fuel gases.
63	128546	22-9-70	Joris Casier, 36, Prinses Lyndialaan, Heverlea Lawven, 3030 (Belgium).	Method of producing pentosans and the pentosans produced as an adjuvant for promoting panification and as gelling agent.

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64	128566	23-9-70	Shell Internationale Research maatschappij, NBV of Carel Van Bylandtlaan 30, The Hague, The Netherlands.	A process and apparatus for the removal of solid particles from an aqueous suspension.
65	128799	13-10-70	Hoechst A.G. 45 Brummingstrasse, Frankfurt/Main F.R.G.	Process for preparing water soluble anthraquinone dyestuffs.
66	128907	20-10-70	Snamprogitti S.p.A., of 16 Corso Venezia, Milan, Italy.	Process for the production of urea.
67	129044	30-6-71	Engelhard Corporation, 113, Astor Street, Newark, New Jersey, U.S.A.	Process for ammonia oxidation.
68	129095	3-11-70	Hoechst AG 45, Brummingstrasse, Frankfurt/Main, F.R.G.	Process for preparing water soluble reactive anthraquinone dyestuffs.
69	129127	6-11-70	Exxon Research and Engineering Company, at 1900 Linden Avenue, Linden, New United States of America.	Process for the conversion of gas mixtures containing carbon monoxide and steam hydrogen and carbondioxide.
70	129139	7-11-70	Do.	Process for the conversion of gas mixtures containing carbon monoxide and steam to hydrogen and carbondioxide.
71	129162	10-11-70	Sherritt Gordon Mines Limited, at 2800 Commerce Court West, Toronto, Ontario, Canada.	Method for extracting nickel and cobalt values from laterite ore.
72	129231	21-5-71	Texaco Devl. Corporation.	Process for the production of synthetic gas.
73	129263	17-11-70	Snamprogitti S.p.A., of 16 Corso Venezia, Milan, Italy.	Process for treating effluent gases in the ammonia synthesis.
74	129304	19-11-70	Hoechst AG 45 Brumming Strasse, Frankfurt/Main, F.R.G.	Process for the preparation of aminophenyl alkyl ethers.
75	129329	20-11-70	Norton Co. 1, New Band Street, Worcestes, State of Massachussetts, U.S.A.	Abrasive elements.
76	129330	20-11-70	Do.	Abrasive grinding elements.
77	129331	20-11-70	Texaco Devl. Corporation, 135, East 42nd Street, New York, N.Y. 10017, U.S.A.	Production of reducing gas.
78	129438	30-11-70	UOP, INC., at Ten UOP plaza—Algonquin & Mt. prospect Roads, Des plaines, Illinois, U.S.A.	Process for the production of para-xylene and gasoline.
79	129493	4-12-70	Shell Internationale Research Maatschappij B.V., of Carel van Bylandtlaan 30, The Hague, The Netherlands.	Improved process for the production of a silica-titanica catalyst suitable for use in liquid phase epoxidation of olefins with organic hydroperoxides.
80	129569	11-12-70	Do.	Process for producing a substantially sulphur free gas steam and a hydrogen sulphide rich gas steam from clous off-gases.
81	129638	17-12-70	Shell Internationale Research Maatschappij B.V., of Carel van Bylandtlaan 30, The Hague, The Netherlands.	Apparatus and process for the preparation of cooling of a gas mixture containing hydrogen and carbon dioxide.
82	129643	17-12-70	Hoechst A.G., 45 Brummingstrasse, Frankfurt/Main F.R.G.	Process for the manufacture of water soluble monoazo dyestuffs.
83	129644	17-12-70	Kawasaki Steel Corporation, No. 1, 1-chome, Kitahouchi, Dasi, Fukaika Kobe city Japan.	Method of forming electric insulating coating on the surface of silicon steel sheet.
84	129712	23-12-70	Westinghouse Electric Corporation, Pittsburgh, Pennsylvania, U.S.A.	Method of coating europium-activated strontium chlorophosphate phosphor onto a lamp envelope.
85	129757	28-12-70	Matsuhida Electric Industrial Co. Ltd., 1006 Oaza Kadama, Kadoma-shi Osaka, Japan.	Method for producing manganese dioxide electrolytically.

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86	129769	29-12-70	UOP, INC., at Ten UOP Plaza—Algonquin & Mt. Prospect Roads, Des plaines, Illinois, U.S.A.	A process for the production of a selected aromatic hydrocarbon.
87	129831	4-1-71	Do.	C8—alkylomatic isomerisation process.
88	129834	4-1-71	Lubrizol Corporation, 1 Clereland, Ohio, 44117, U.S.A.	Method for preparation amidoalkane sulfonic acids.
89	129855	6-1-71	Hindustan Lever Limited, at Hindustan Lever House, 165/166 Backbay Reclamation Bombay-400020.	Extraction of tea and preparation of instant tea Powder from the extract so obtained.
90	129856	6-1-71	Johnson and Johnson 501, George Street, New Brunswick, N. Jersey U.S.A.	Comformable adhesive sheet.
91	129870	7-1-71	Westinghouse, Canada Ltd., 286, Sandard avenue, North, Hamilton, Outario, Canada.	Calcium phosphate 'daylight' phosphor for fluorescent lamp.
92	129926	13-1-71	Laporte Industries Limited, of Hanover House, 14 Hanover Square, London W1R OBE, England.	Process for treating oxide pigments.
93	129936	14-1-71	Nippon Kokan K. K. 1-3, 1 chome, Otemachi, Chiyoda Ku, Tokyo, Japan	Method of continuously manufacturing cold rolled steel sheet for drawing.
94	129961	15-1-71	Mitsubishi Gas Chemical Company, INC., 5-2, Marunouchi 2-Chome, Chiyoda-ku, Tokyo, Japan.	Process for producing a formaldehyde aqueous solution having low methanol content.
95	130009	20-1-71	Shell Internationale Research Maatschappij B.V., of Carel van Bylandtlaan 30, The Hague, The Netherlands.	Method for the automatic watching of an apparatus for the preparation and cooling of synthesis gas.
96	130070	27-1-71	Siemens A.G. Berlin and Munich, W.G.	Improvements in or relating to the manufacture of hollow bodies of semi-conductor material.
97	130072	27-1-71	Lubrizoc Corporation, Cleveland, Ohio, 44117, U.S.A.	High molecular weight malic and fumaric acid esters and lubricants and fuels containing the same.
98	130088	28-1-71	Solvay & Cie, of 33, rue de Prince Albert, Belgium, Brussels 5, h.	Process for the preparation of a zeigler <i>natta</i> , type catalyst.
99	130125	1-2-71	Hooker Chemicals and Plastics, forporation, Niagara falls, New York, U.S.A.	Process for the generation of chlorine dioxide, chlorine and the production of alkali metal.
100	130178	4-2-71	Hindustan Lever Limited, at Hindustan Lever House, 165/166 Backbay Reclamation, Bombay 400020.	Improvements in or relating to the treatment of Karanja oil.
101	130238	11-2-71	Do.	Anti slague and anti calculaus dentifrices.
102	130270	15-2-71	Snamprogetti S.p.A., an Italian Company, of 16 Corso Venezia, Milan, Italy.	Process for the separation of a partially hydrogenated polyamine of aluminium.
103	130282	16-2-71	Hoechst A.G. 45, Brumingstrasse, Frankfurt/Main F.R.G.	Process for preparing water soluble mono-azo dyestuffs.
104	130287	16-2-71	E.I. CU PONT, Wilmington, Delawane, U.S.A.	Water in oil emulsion type blasting.
105	130367	25-2-71	Hoechst AG 45, Bruningstrasse, Frankfurt/Main, F.R.G.	Metal complex compounds of the monoazo dyestuffs and process for their preparation.
106	130371	25-2-71	Degussa 9 Weissfranen strasse, Frankfort/ Main F.R.G.	Calcium thioctate.

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107	130379	25-2-71	F. L. Smidth & Co., A/S., of 77 Vigerslev Alle, DK-2500 Copenhagen Valby, Denmark.	Treatment of cement raw materials and plants for use therein.
108	130416	1-3-71	Shell Internationale Research Maatschappij B. V., of Carel Van Bylandtlaan 30, The Hague, The Netherlands.	A process for the selective removal of hydrogen sulphide from gases containing hydrogen sulphide and carbon dioxide.
109	130489	5-3-71	Hoechst AG., 45, Brummingstrave, Frankfurt/Main, F.R.G.	Process for the manufacture of water soluble monoazo dyestuffs.
110	130530	11-3-71	Hermann Papot, Karl-Mainstrasse, St. Georgen Schwalzwald, F.R.G.	A method of production of lifting gases lighter than air and air ship for carrying out the method.
111	130590	16-3-71	Hoechst AG. 45, Bruningstrane, Frankfurt/Main F.R.G.	Process for the manufacture of water insoluble monoazo dyestuffs.
112	130690	23-3-71	Do.	Process for the manufacture of metal containing azo dyestuffs.
113	130775	29-3-71	Shinetsu Chem. Co. 4-2, Marunouchi, 1-chome, Chiyoda-ku, Toloys, Japan.	Method for suspension—polymerising vinyl chloride.
114	130799	30-3-71	UBE Industries Limited, of 12-32, 1-chome, Nishihommachi, Uke-Shri, Yamaguchi-ken, Japan.	Process for the treatment of a reaction product obtained by oxidation of cyclohexane.
115	130800	30-3-71	Snamprogetti S.p.A., of 16 Corso, Venezia, Milan, Italy.	Process for the production of urca.
116	130801	30-3-71	Do.	Process for producing urca.
117	130891	7-4-71	UOP, INC., at Ten UOP Plaza—Algonquin and Mt. Prospect Roads, Des Plaines, Illinois, U.S.A.	Lubricating oil base stock production.
118	130923	12-4-70	Stamicarbon N. V., of Vands Maestraat 2, Heerlen, The Netherlands.	Process for increasing the corrosion resistance of austenitic Stainless steels.
119	130948	13-4-71	Kennedy Van Saun Corporation, of Beaver Street, Danville, State of Pennsylvania, U.S.A.	Process and apparatus for preheating limestone and the like.
120	130949	13-4-71	Saint-Gobain Industries, 62 Boulevard, Victor-Hugo Nerilly-sur Seine—France.	Apparatus for the formation of sheets or mats of fibers of thermoplastic materials.
121	131046	20-4-71	Shinetsu Chem. Co 4-2 Manurnouchi, 1-Chome, Chiyoda Ku, Tokyo, Japan.	Process for preparing polyvinyl chloride by suspension polymerization.
122	131139	27-4-71	Dunlop Holdings Limited, of Dunlop House, Ryder Street, St. James's, SW1, England.	Contact adhesives.
123	131235	4-5-71	Central Class Co., Ltd., of 5253 Oaza Okube, Ube-shi, Yamaguchi-ken, Japan.	Process for the production of high quality synthetic cryolite.
124	131248	5-5-71	Sankyo Co. Ltd.	Soil fungicides.
125	131282	7-5-71	Shell Internationale Research Maatschappij B. V., of Carel Van Bylandtlaan 30, The Hague, The Netherlands.	Process and apparatus for manufacturing sulphur.
126	131311	11-5-71	Hochest Aktiengesellschaft 6230, Frankfurt/Main 80, West Germany.	Electrolytic production of manganese dioxide in α —modification.
127	131328	12-5-71	ICI Ltd., Imperial Chemical Industries Ltd., I.C.H. Millbank, London, S. W. 1, England.	Bipolar unit for electrolytic cell.
128	131405	18-5-71	Inco Europe Limited, of Thames House Millbank, London SW1P 4QF, England.	Treatment of corrosion resistant chromium containing alloys.
129	131458	22-5-71	Snamprogetti S.p.A., of 16 Corso Venezia, Milan, Italy.	Process for dehydrating ammonia synthesis gas.
130	131469	24-5-71	Shell Internationale Research Maatschappij B. V., of Carel Van Bylandtlaan 30, The Hague, The Netherlands.	Process for the isomerization of a alkylaromatic hydrocarbons.

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131	131518	28-5-71	Eisenwerk-Gesellschaft Maximilianshutte m.b.H.	Method and converter for refining pig iron.
132	131530	30-6-71	Do.	Improvement in process and apparatus for making steel.
133	131536	29-5-71	Stamicarbon B. V., of P.O. Box 10, Geleen, The Netherlands.	Process and apparatus for the recovery of ammonia, carbon dioxide from the tail gas of a urea synthesis.
134	131552	31-5-71	Hoechst A. G. 45, Bruningstoasse, Frankfurt/Main, F.R.G.	Process for the manufacture of acyl acetic acid aryl amides.
135	131564	2-6-71	USS ENGINEERS and Consultants, INC., 600 Grant Street, Pittsburg, State of Pennsylvania, U.S.A.	Method of making rim—Stablized steel ingots.
136	131567	2-6-71	Ryosureenya, No. 3620 Shinichi, Murozumi-Cho, Thikaricity Japan.	A device and a method for making calcium carbide.
137	131645	8-6-71	Udycite Corporation, Detroit, Michigan, U.S.A.	Battery employing halogen hydrate as an oxidant.
138	131684	11-6-71	ICH Millbarke, London, SW1, England.	Non-woven continuous filament materials process for making them.
139	131698	14-6-71	Matsushida Electric Industrial Co. Ltd., 1006, Oazo, Kadoma Kadomashi, Osaka, Japan.	Dry Cells.
140	131725	15-6-71	Prof. Dr. Dr. Se. h.e. Marl Heing, Imhausen, of Hahr, Hochstr 8. W.G.	A polymerisation process and a polymerisation reactor for carrying out the process.
141	131782	18-6-71	UOP, INC., at Ten UOP Plaza-Algonquin & Mt. Prospect Roads, Des Plaines, Illinois, U.S.A.	Black oil conversion process initial operation procedure.
142	131810	21-6-71	Do.	Solvent recovery process.
143	131894	28-6-71	Haldor Frederickxael Topsoe, of Frydenlundsvej, 2950 Vedbaek, Denmark.	Endothermic catalytic process and apparatus therefor.
144	131896	28-6-71	Texaco Devl. Corporation.	A Partial oxidation process for producing synthesis gas.
145	131913	29-6-71	Metallgesellschaft, A.G. 16, Frankfurt AM, Rentermeg, 14 F.G.R.	Process of producing aluminium fluoride.
146	131939	30-6-71	Hoechst A.G. 45, Bruningstrasse, Frankfurt/Main, F.R.G.	Process for preparing water soluble metalliferous diazo dyestuffs.
147	131968	2-7-71	Do.	Process for manufacturing novel water soluble monoazo dyestuffs.
148	131995	5-7-71	Fierro Esponda S. A. Avenida Los Angilas at oriente Monferrey N. 4 Republic of Mexico.	Method of an apparatus for reducing particulate metal ores.
149	132031	8-7-71	Hoechst AG 45 Bruingst, Frank Fort/Main F.R.G.	Process for the manufacture of fast dyeings or printings on fibrous materials containing cellulose.

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Sl. No.	Patent No.	Date of Patent	Name and address of Patentees	Title of the inventions
1	2	3	4	5
1	132048	9-7-71	UOP, INC., at Ten UOP Plaza-Algonquin & Mt. Prospect Roads, Des Plaines, Illinois, U. S. A.	Solid phosphoric acid catalyst and method of manufacture and use thereof.
2	132086	12-3-71	Haldor Frederik Axel Topsoe, of Frydenlundsvej, Denmark.	Process for the purification of crude methanol.

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3	132144	16-7-71	Kennecott Copper Corporation, 161, East 42nd street, City of New York, U. S. A.	Extrusion of copper and nickel from manges nuckles.
4	132145	16-7-71	Do	Recovery of copper, nickel, cobalt and molybdenum from complex ores.
5	132146	16-7-71	Do.	A process for extracting metal values from deep see nodules
6	132263	27-7-71	Osterreichisch-Amerikanische Magneti AG., of Badenthein, Carenthia, Austria.	Process of producing a sintered refractory material
7	132267	27-7-71	Johnson & Johnson, 501, George Street, New Brunswick, New Jarsecy, U. S. A.	Banded non woven fabrics, Method of making the same and synthetic resin builder compositions used therein.
8	132277	28-7-71	Union Carbide Corporation, 270 Park Avenuc, New York, State of New York 10017, U. S. A.	Primary dry cell.
9	132282	28-7-71	Lubrizol Corporation, Cleveland, Ohio, 44117, U. S. A.	Thickened aqueous compositions containing acrylamidoalkane sulphonate polymers useful as hydraulic fluids.
10	132355	3-8-71	Hoechst AG. 45, Bruningstr, GF Frank Fort/Main, F. R. G.	Process for the preparation of water soluble monoazo dyestuffs.
11	132454	10-8-71	E. I. Du Pont de Nemowes, Wilmington, Delaware, U. S. A.	Emulsion type blasting agent.
12	132456	10-8-71	Taxaco Devi Corporation, 135, East, 42nd Street, N. Y. New York-10017, U. S. A.	A process for the production of carbon monoxide and hydrogen by direct Partial oxidation and liquid hydrocarbon.
13	132486	12-8-71	Alcan Research and Development Limited, of 1 Place Ville Marie, Montreal, Province of Quebec, Canada H3C 3H2.	Method of treating used carbon lining from an aluminium reduction cell.
14	132548	17-8-71	Hindustan Lever Limited, Hindustan Lever House, 165/166 Backbay Reclamation, Bombay-400020.	Soap synthetic detergent tablets.
15	132564	18-8-71	Johns Mannille Corporation, 22 East 40th Street, N. Y., State of New York-10016, U. S. A.	Process for bending thermosetting resins to polymeric resins and polyvinyl chloride pipe products having a surface composition of said resins.
16	132576	19-8-71	Alcan Research and Development Limited, of 1 Place Ville Marie, Montreal, Province of Quebec, Canada H3C 3H2.	Method of treating segregated material separated from a body of molten aluminium.
17	132622	23-8-71	Uniform AG., Postgasse 21, Glarus, Switzerland.	Improvement in or relating to the production of polymeric foam.
18	132648	24-8-71	Hoechst AG., 45, Bruning strasse, Frank Fort/Main F. R. G.	Process for the preparation of monoazo pigments.
19	132736	1-9-71	USS Engineer and Consultants INC. 600 Grant Street, Pittsburg, State of pennsylvania, U. S. A.	Method for preventing high temperature blistering of copper coatings electrodeposited as copper substrates.
20	132766	3-9-71	UOP INC., Ten UOP Plaza-Algonquin and Mt. Prospect Roads, Des Plaines, Illinois, U. S. A.	Improved hydrocarbon separation process.
21	132782	4-9-71	Shell Internationale Research Maatschappij B. V., Carel Van Bylandtlaan 30, The Hague, The Netherlands.	Process for preparing an improved catalyst for producing exirance compounds by epoxidizing olefines with hydroperoxides.
22	132798	6-9-71	Phillips Petroleum Co. Batlasville 1 State of Okhahama, U. S. A.	Process for the preparation of propylene copolymers.
23	132825	7-9-71	Hoechst AG., 45, Bruning strane, Frank Fort/Main F. R. G.	Process for the manufacture of white or colour resists under phthalocyanine dyestuffs.
24	132827	8-9-71	Solvay & Cie, 33, rue de Prince Albet, B-1050 Bruxelles, Belgium.	Process for the Polymerisation of olefins.
25	132828	8-9-71	Do.	Do.

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26	132854	9-9 -71	Toyo Engineering Corporation, of 2-5-, 3-Chone, Kasumigaseki, Chiyoda-ku, Tokyo, Japan.	Process for the manufacture of gaseous mixtures rich in hydrogen.
27	132878	13-9-71	Union Carbide Corporation, 270 Park A Avenue, New York, State of New York-10017, U. S. A.	Process for separating normal paraffines from admixture with non-hydrocarbon.
28	132913	15-9-71	UOP; INC., Ten UOP Plaza-Algonquin & Mt. Prospect Roads, Des Plaines Illinois, U. S. A.	Process and apparatus for catalytic cracking of hydrocarbons.
29	132926	16-9-71	Exxon Research and Engineering Company, at 1900, Linden Avenue, Linden, New Jersey, U. S. A.	A Process for chilling solution of a waxy oil in a liquid gaseous dewaxing solvent for crystallizing wax in filterable form.
30	132929	16-9-71	Sherritt Gordon Mines Limited, 2800 Commerce Court West, Toronto, Ontario, Canada.	Method for preparing nickeliferous laterite ore mixtures for reduction roasting.
31	132930	16-9-71	Hoechst AG. 45 Bruning strasse, Frank Fort/Main, F. R. G.	Process for the manufacture of water soluble fibre reactive dyestuffs and their metal complex compounds.
32	132943	17-9-71	UOP INC., Ten UOP Plaza-Algonquin & Mt. Prospect Roads, Des Plaines, Illinois, U. S. A.	Process for separating para-xylene from a mixture of C8 hydrocarbons.
33	132963	18-9-71	Takata Kojyo Co. Ltd.	Method for producing a relatively liquid article.
34	133022	23-9-71	Shell Internationale Research Maatschappij B. V., Carel Van Bylandtlaan 30, The Hague, The Netherlands.	A process for the decomposition of unconverted organic peroxy compounds present in the reaction product or effluent obtained by the epoxidation of olefinic compounds.
35	133054	23-9-71	Haldor Frederik Axel Topsoe, Frydenlundsvej, Vedbaek, Denmark.	A furnace for catalytic endothermic reaction and a process therefor.
36	133066	1 -10-71	Benilite Corporation of America, 233 Broadway, New York, New York, U. S. A.	Pre-bleaching or reduction treatment in the beneficiation of titaniferous iron ores.
37	133124	5-10-71	Haldor Frederik Axel Topsoe, Frydenlundsvej, Vedbaek, Denmark.	Method for catalytic decomposition of ammonia.
38	133137	6-10-71	Hoechst AG. 45 Bruning strasse, Frank Fort/Main, F. R. G.	Process for preparing water soluble mono-azo dyestuffs.
39	133139	6-10-71	Do.	Process for manufacture of metal complex monoazo dyestuffs.
40	133172	7-10-71	Etat Francais, of 4, Avenue de la porte d' Issy 150, Paris, France.	Improved process for the manufacture of Phosgene
41	133227	14-10-71	Dunlop Holdings, Limited, Dunlop House, Ryder Street, St. James's, London S. W. 1, England.	Manufacture of reinforced flexible hose.
42	133233	14-10-71	Mead Corporation Tulbolt tower, Dayton, Ohio, 45402, U. S. A.	Improved reduction oxidation process.
43	133325	22-10-71	Hoechst AG. 45, Bruning strasses Frank Fort/Main F. R. G.	Novel process for the manufacture of benzimidazolene-(2)
44	133378	27-10-71	Do.	Process for the manufacture of newwater soluble fibre reactive azo dyestuffs.
45	133394	28-10-71	Amchem products, Incorporated, Pennsylvania, U. S. A. Brookside Avenue, Aulbler Pennsylvania, U. S. A.	Plant growth regulating compositions.
46	133408	29-10-71	Union Caride Corporation, at 270 Park Avenue, New York, State of New York 10017, U. S. A.	Selective adsorption gas separation process.

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47	133530	8-11-71	Kannacott, 161, East 42nd street, City and State of New York, U. S. A.	Process for extracting metal value from complex ores.
48	133566	10-11-71	Texaco Devi, Corporation, 135, 42nd Street, New York, New York, 10017, U. S. A.	Solvent dewaxing process.
49	133599	12-11-71	Spolana Narodni Podnik, Neratovee Czecholavaloa.	Method and apparatus for continuously perchloromethyl mercaptan.
50	133612	15-11-71	Exxon Research and Engineering Company, at 1900 Linden Avenue, Linden, New Jersey, United States of American.	Lithium soap grease.
51	133625	15-11-71	Haldor Frederik Axel Topsoe, Frydend-lundsvej, Vedbaek, Denmark.	Process for the manufacture of ethyl alcohol.
52	133660	17-11-71	UBE INDUSTRIES LIMITED, of 12-32, 1-chome, Nishihommachi, Uke-shi, Yamaguchi-ken Japan.	Process for preparation of oxidation catalyst.
53	133669	17-7-72	Hindustan Lever Ltd., Hindustan Lever House, 165/166 Backbay Reclamation, Bombay-400020.	Niacin containing skin lightening compositions.
54	133677	19-11-71	Hoechst AG. 45, Bruningstrasses, Frank Fort/Main F. R. G.	Process for the manufacture of water soluble monoazo dyestuffs.
55	133710	23-11-71	Do.	Process for the manufacture of copper complex monoazo dyestuffs.
56	133711	23-11-71	Lubrizol Corporation, Cleveland, Ohio, 44117, U. S. A.	Method of flocculating solids suspended in a aqueous medium.
57	133734	25-11-71	Ciba-Geigy Aktiengesellschaft, Basle, Switzerland	Treatment of water systems for preventing scale formation
58	133738	25-11-71	Hoechst AG, 45, Burningstrasses, Frank Fort/Main, F. R. G.	Process for the preparation of water soluble diazo dyestuffs.
59	133782	29-11-71	Shell Internationale Research Maatschappij B. V., Carel Van Bylandtlaan 30, The Hague, The Netherlands.	Process for the manufacture of synthetic fibres and fibres produced thereby.
60	133819	1-12-71	Hoechst AG. 45 Burningstrasses, Frank Fort/Main, F.R. G.	Process for manufacturing water soluble metal comolex monoazo dyestuffs.
61	133840	3-12-71	Do.	Process for production of water soluble monoazo dyestuffs.
62	133928	13-12-71	Showa Denko K. K., of No. 34, Shiba Niyamoto-cho., Minato-ku, Tokyo, Japan.	Sintered agglomerates and method of producing the same.
63	133956	15-12-71	Snamprogetti S. P. A., of 16 Corso Venezia, Milan, Italy.	Process for the recovery of aromatic hydrocarbons from mixtures containing the same.
64	133969	16-12-71	Do.	Process for the recovery of isoprene from mixtures containing the same.
65	133997	18-12-71	Mitsui Petrochemical Industries, Limited, of 2-5, 3-chome, Kasumigaseki, Chiyoda-ku, Tokyo, Japan.	Improved process for producing terephthalic acid.
66	134016	20-12-71	Ceskoslovenska Akademie Ved. Praha Czechoslovakia.	Method of producing thin walled articles from plastics rubber.
67	134023	21-12-71	Shell Internationale Research Maatschappij B.V., Carel Van Bylandtlaan 30, The Hague, The Netherlands.	A process for recovering ethylene oxide.
68	134024	21-12-61	USS ENGINEERS and Consultants, Inc., 605 Grant Street Pittsburgh, State of Pennsylvania, U. S. A.	Method of making stabilised steelingots.

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69	134030	21-12-71	Tata Lakshminarayana, Oil Technological Research Institute Anantapur, Department of Industries, Andhra Pradesh India.	Process of decuticling sesame seeds.
69(a)	134070	27-12-71	Nagarjuna Fertilizers and Chemicals Limited, 50 Sebastian Road, Secunderabad-500003 Andhra Pradesh, India	Improved process for preparing urea.
70	134099	28-12-71	UOP., INC., at Ten UOP Plaza-Algonquin & Mt. Prospect Roads, Des Plaines, Illinois, U. S. A.	Hydrocarbon separation process.
71	134104	28-12-71	Reynolds Leasing Corporation, 1414 Seaboard, Costline buliding, Jacksoneslle, State of Florida, U. S. A.	Process for treating tobacco to increase its filling capacity.
72	134107	28-12-71	Hoechst AG, 45 Bruningstrasses Frank Fort/Main, F. R. G.	Process for the manufacture of water-soluble fibre reactive dyestuffs.
73	134135	30-12-71	Snamprogetti S. P. A., of 16 Corso Venezia, Milan, Italy.	Process for the separation of conjugated diolefins from mixtures containing there.
74	134146	31-12-71	Cluett, Peabody & Co., INC., at 433 River Street, Troy, New York, U. S. A.	Method and apparatus for quickly treating fabrics with liquid ammonia.
75	134147	31-12-71	Sinlohi Co., of No. 38, Nishinoshimonocho, Konohana-Ku, Osaka -shi, Japan.	Process for preparation of coloured resin particles.
76	134151	31-12-71	Hoechst AG, 45 Bruningstrasses Frank Fort/Main F. R. G.	Process for the preparation of basic oxazine dyestuffs.
77	134152	31-12-71	Hoechst AG, 45 Bruningstrasses. Frank Fort/Main, F. R. G.	Process for the preparation of water soluble reactive monoazo dyestuffs.
78	134187	5-1-72	Union Carbide Corporation, at 270 Park Avenue, New York, State of New York-10017, U. S. A.	Adsorption process for recovery of nitrogen oxides from a gas streams.
79	134189	5-1-72	UOP, INC., at Ten UOP Plaza-Algonquin & Mt. Prospect Roads, Des Plaines, Illinois, U. S. A.	Method of preparing improved hydro-desulfurization catalyst.
80	134190	5-1-72	Alcan Research and Development Limited, 1 Place Ville Marie, Montreal, Province of Quebec, Canada H3C 3H2,	Aluminium recovery method.
81	134208	6-1-72	Farbwerks Hoechst Aktiengesellschaft, vormals Meister Lucius & Bruning, of 45, Bruningstrasse, Frankfort/Main, Federal Republic of Germany.	Shaped article made of thermoplastic molding compositions on the basis of polyoxymethylenes and process for the manufacture thereof.
82	134247	11-1-72	UCB S. A., 4, Chausse de Charleroi, Saint-Gilles-lez-Bruxelles, Belgium.	A process for carrying out catalytic fluid bedamoxidation reaction.
83	134299	17-1-72	Knapsack Aktiengesellschaft, of Knapsack Near Koln, Federal Republic of Germany.	Production of acrylonitrile and methacrylonitrile.
84	134393	25-1-72	Laporte Industries Limtied, 14 Hanover Square, London W1R OBE, England.	Improvements in beneficiation of ores.
85	134409	28-1-72	Alcan Research and Development Limited, of 1 Place Ville Marie, Montreal, Quebec Canada H3C 3H2,.	Direct casting of ingots.
86	134431	31-1-72	The Rubber Research Institute of Malaysia, 3rd mile Ampang, Kuala Lumpur, Malaysia.	Improvements in or relating to the stabilization of natural rubber.
87	134444	31-1-72	Polysar Limited of Sarnia, Onatario, Canada.	Vulcanization of elastomes.
88	134445	31-1-72	Hindustan Lever Limited at Hindustan Lever House, 165/166 Backbay Reclamation, Bombay-400020.	Tooth pastes.

1	2	3	4	5
89	134445	2-2-72	Norton Co. 1 New Band Street, Warcestre, State of Massachmittes, U. S. A.	Production of fluid abrasives.
90	134490	2-2-72	Snamprogetti S. P. A., of 16 Corso Venezia Milan, Italy	Process for the polymerization of an olefine at high pressure in tubular reactors.
91	134515	7-2-72	Exxon Research and Engineering Company, at 1900 Linden Avenue, Linden, New Jersey, U. S. A.	Solvent dewaxing-deoiling process.
92	134523	7-2-72	Aikoh Co. Ltd., 1-39, 2 Chome, Tkenohate, Taito-ku, Tokyo, Japan	Slag forming agent for the steel making.
93	134536	8-2-72	Nagarjuna Fertilizers and Chemicals Limited, 50 Sebatian Road, Secunderabad-500003, Andhra Pradesh, India.	Processing plant for processing at elevated, temperature solutions containing ammonium carbonate.
94	134672	18-2-72	Wellman Powergas Incorporated, New Mulberly, Highway, Larkehand, Florida, U. S. A.	Process for removing sulfar dioxide from a gas stream.
95	134679	19-2-72	Sherritt Gordon Mines Limited, at 2800 Commerce Court West, Toronto, Ontario, Canada.	Process for the treatment of nickel and cobalt bearing material.
96	134694	21-2-72	INCO Europe Limited, of Thames House, Millbank, London, SW1P 4QF.	Process for the peparation of chromium nickel alloy products.
97	134710	14-5-73	The Associated Cement Cos. Ltd., Central Research Institution, Shastri Marg, P. O. Waglo Industrial Estate, Thane 4, Maharashtra.	Process for the preparation of zeolite X crystals.
98	134711	14-5-73	The Associated Cement Cos. Ltd., Central Research Institution, Shastri marg, P. O. Waglo Industrial Estate, Thane 4, Maharashtra.	Process for the preparation of zeolite A crystals.
99	134718	23-2-72	Hindustan Lever Limited, at Hindustan Lever House, 165/166 Backbay Reclamation, Bombay-400020.	Process for the production of a cold water soluble tea.
100	134733	24-2-72	Union Carbide Corporation, at 270 Park Avenue, New York, State of New York 10017, U. S. A.	Process for olefin separation.
101	134748	25-2-72	Institute De Recherches De La Siderurgie Francalso, of 185 Rue President Roosevelt, 78014 Saint Germain-en-Laye, France	Improvement in ror relating to the metal feed supply of metallurgical plants which require regular flow of molten metal.
102	134753	25-2-72	Joseph Lucas Industries Ltd., Great king street, Birmingham-19, England.	Method of and apparatus for sealing an inert gas under pressures in a container.
103	134782	1-3-72	Hoechst AG. 45, Brumingsstrasses, Franc Fort/Main F R. G.	Proeess for preparing monoio pigment.
104	134783	1-3-72	Shinetsu Chem. Co. of 6-1, Otemachi, 2-chome, Chiyoda-Ku, Tokyo, Japan.	Method for suspension polymerizing vinyl chloride.
105	134799	2-3-72	Snamprogetti S. P. A., of 16 Corso Venezia, Milan, Italy.	Method for inhibiting the polymerization of conjugated dienes.
106	134800	2-3-72	Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning, of 45, Bruningstrasse, Frankfurt/Main, F.R.G.	Process for the preparation of polyolefines.
107	134816	3-3-72	Johnson & Johnson, 501, George street, New Brunsurick, N. J. U. S. A.	Method of making settable plaster of paris composition.
108	134832	4-3-72	Do.	Method of improving gypsum cast farming eomposition.
109	134840	6-3-72	Shell Internationale Research Maatschappij B. N. V. of Carel Van Bylandtlaan 30, The Hague, The Netherlands.	Process for the removal of soot from aqueous suspensions thereof.

1	2	3	4	5
110	134842	6-3-72	Tenco Brookes Bond Limited, of 35 and 37 Cannon Street, London EC4, ENGLAND	Process for the preparation of an instant tea composition and tea composition prepared thereby.
111	134853	7-3-72	American Cyanamid Company, Wayne, New Jersey, U. S. A.	Electrochemical current producing cell
112	134860	7-3-72	UOP INC., at Ten UOP Plaza-Algonquin & Mt. Prospect Roads, Des Plaines, Illinois, U. S. A.	Hydrocarbon separation process.
113	134871	8-3-72	Shell Internationale Research Maatschappij B. V., o Carel Van Bylandtlaan 30 The Hague, The Netherlands.	Butadiene recovery process.
114	134872	8-3-72	UOP, INC., Ten UOP Plaza-Algonquin & Mt. Prospect Roads, Des Plaines, Illinois, U. S. A.	Regeneration of a coke deactivated catalyst comprising a combination of platinum rhodium and halogen with porous carrier material.
115	134976	17-3-72	Nippon Kokan Kabushiki Kaisha, of 1-2, 1-chome, Marunouchi, Chiyoda-ku, Tokyo Japan.	Method for controlling the amount of silicon contained in an impurity in high carbon ferrochromium.
116	135013	21-3-72	Roone-Progil, of 6 Rue Piccini, 75 Paris 16e, France.	A method of producing phosphoric acid and calcium sulphate.
117	135015	21-3-72	Canon Kabushiki Kaisha, of 30-2, 3-chome, Shimomaruko, Ohta-ku, Tokyo, Japan.	Method of transferring images developed by a liquid developer in electrophotographic processes.
118	135043	24-3-72	UOP, INC., Ten UOP Plaza Algonquin & Mt. Prospect Roads, Des Plaines, Illinois, U. S. A.	Method of preparing a hydrorefining catalyst.
119	135044	24-3-72	Heinrich Pannenpeckers, of Bergstrasse 23, 53 Bonn-Holzlar, F. R. G.	Tubular film blow process for thermoplastic materials having hot tack.
120	135096	29-3-72	Telefonaktiebolaget L. M. Ericsson, of 12611 Stockholm 32, Sweden.	Process for electroplating an aluminium wire.
121	135134	3-4-72	Laporte Industries Limited, 14 Hanover Square, London W1R 0BE, England.	Improvement in or relating to process of beneficiation of ilmenite ores.
122	135139	3-4-72	Rhone-progil of 6 Rue Piccini, 75 Paris, 16e, France.	A process for bulk polymerising vinyl chloride or vinyl chloride and another monomer.
123	135150	4-4-72	Sherritt Gordon Mines Limited 2800 Commerce Court West Toronto, Ontario, Canada.	Method for reduction roasting nickeliferous laterite ores.
124	135231	11-4-72	Unilever Limited, Unilever house, Blackbarns London, E. C. 4, U.K.	A process for the preparation of an instant tea powder.
125	135235	11-4-72	FMC Corporation 633 3rd avenue New York 17, N. Y. U. S. A.	Form cake coated with glauze carbon and methods of production
126	135236	11-4-72	Do.	Coating of reactive form coke by catalytic deposition of glauze carbon.
127	135246	11-4-72	E. I. Du Pont De Nemours, Wilmington Delaware, U. S. A.	Method for preparing improved polyamide fibres and films.
128	135315	18-4-72	Nitto Chemical Industry Company Limited No. 5-1 Marunouchi 1-Chome, Chiyoda-ku, Tokyo, Japan.	Process and apparatus for the production of acetone cyanhydrin.
129	135328	19-4-72	Unilever Limited, Unilever house, Blackbarns, London, E. C. 4, England.	A process for the preparation of an instant tea powder.
130	135359	3-5-72	F. L. Smidth & Co. A/S., 77 Vigerslev Alle, DK 2500 Copenhagen Valby, Denmark.	Method and rotary kiln plant for manufacturing cement.
131	135360	4-12-70	Shell Internationale Research Maatschappij B. V., Carel Van Bylandtlaan 30, The Hague, The Netherlands.	An improved process for the preparation of one or more oxirane compounds.

1	2	3	4	5
132	135365	23-5-72	Knapsack Aktiengesellschaft, near Koln, F. R. G.	Knapsack Process for the manufacture of acrylonitrile or methacrylonitrile.
133	135382	15-2-71	Snamprogetti S. p. A., of 16 Corso Venezia, Milan, Italy.	Process for polymerizing a conjugated diene.
134	135383	15-2-71	Do.	Process for preparing a polyimine of aluminium.
135	135476	8-6-71	Udylite Corporation, Detroit, Michigan U. S. A.	Process for discharging the battery.
136	135477	29-7-72	UOP INC., Ten UOP Plaza-Algonquin & Mt. Prospect Roads, Des Plaines, Illinois, U. S. A.	Hydrocarbon separation process.
137	135496	27-6-72	Do.	Improved process for conversion of alkylomatic hydrocarbons to alkylaromatic hydrocarbons.
138	135507	24-9-71	UNION CARBIDE CORPORATION, 270 Park Avenue, New York, State of New York 10017, U. S. A..	A process for improving the properties of ethylene polymerization catalyst.
139	135517	18-5-72	Knapsack Aktiengesellschaft, of Knapsack near Koln, F. R. G.	Process for the manufacture of an ammoxidation catalyst.
140	135545	19-7-72	F. L. Smith & Co. 77 Vigerslev Alle, DK-2500 Copenhagen Valby, Denmark.	Improvement in or relating to rotary kiln.
141	135551	27-4-72	UOP, INC., Ten UOP Plaza-Algonquin & Mt. Prospect Roads, Des Plaines, Illinois, U. S. A.	Steam reforming of hydrocarbons.
142	135629	23-5-72	Hoechst AG 45 Bruiningstrasses, Frank Fort/Main, Federal Republic of Germany	Process for the manufacture of water insoluble monoazo dyestuffs.
143	135634	6-6-72	Societe Miniere et Metallurgique De Penarroya, 1 Boulevard de Vangirard, Paris, France.	Improved reactor for the production of lead oxide with a high free lead content.
144	135639	2-8-72	The Rubber Research Institute of Malaya, 3rd Mile Ampang Road, Kuala Lumpur.	A method of removing from natural rubber.
145	135690	24-10-72	FMC Corporation 635 3rd Avenue, New York 17, New York, U. S. A.	Method of producing carbaceous iron-bearing briquettes.
146	135692	5-5-72	Shell Internationale Research Maatschappij B. V., Carel Van Bylandtlaan 30, The Hague, The Netherlands.	A process for the manufacture of gas mixtures containing carbon monoxide and hydrogen by the partial combustion of a fuel in a reactor operated at a relatively low pressure.
147	135702	27-4-72	Hoechst AG. 45, Bruiningstrasses, Frank Fort/Main, F. R. G.	Process for preparing pigment preparation.
148	135735	17-5-72	Larsen & Toubro Ltd., L&T House, Ballard Estate, Bombay-400 038.	Rotary Kiln.
149	135741	1-5-72	Sherritt Girdon Mines Limited, Ontario, Canada, Toronto, 25 King Street, West, Toronto, Ontario, Canada.	Production of nickel powder from basic nickel carbonates.
150	135754	19-9-72	F. L. Smith & Co. A/S., of 77 vigerslev Alle, DK-2500 Copenhagen-Valby, Denmark.	Rotary kiln.

RENEWAL FEES PAID

116094	116357	121396	122028	126509	126520	126693	128508	142790	143128	143186	143292	143294	143295	143418	143545
130120	130951	131242	131290	131313	131315	131316	131347	143558	143794	143884	144006	144053	144208	144437	144609
131349	131350	131458	131536	131601	131903	132081	135645	144694	144788	144935	145137	145356	145473	145492	145813
135712	135803	136230	136295	136344	136430	136454	136644	145830	146090	146040	146111	146157	146537	146546	146553
137044	137171	137969	138592	138918	139148	139455	139623	146612	146785	146919	147158	147557	148269	149035	149206
139667	139814	139863	139864	139865	139901	140786	141215	149335	149425	149563	149594	149667	149737	149859	149947
141217	141382	141478	141480	141786	141797	142072	142666	149982	149997	150052	150057	150071	150082	150085	150089
								150097	150118	150119					

CESSATION OF PATENTS

111264 111269 111271 111272 111300 111319 111320 111323
111328 111331 111341 111383 111385 111402 111420 111421
111428 111429 111436 111443 111444 111453 111458 111459
111466 111467 111481 111482 111739

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application for restoration of Patent No. 143529, dated the 17th December, 1976 made by Umang Kejriwal on the 7th October, 1982 and notified in the Gazette of India, Part-III, Section 2 dated the 8th January, 1983 has been allowed and the said patent restored.

(2)

Notice is hereby given that an application for restoration of Patent No. 145096, dated the 16th October, 1976 made by Council of Scientific and Industrial Research on the 16th October, 1982 and notified in the Gazette of India, Part III, Section 2 dated the 27th Dec., 1982 has been allowed and the said patent restored.

(3)

Notice is hereby given that an application for restoration of Patent No. 145955, dated the 18th October, 1976 made by Madhusudan Laxminarayan Rath on the 16th October, 1982 and notified in the Gazette of India, Part-III, Section 2 dated the 27th December, 1982 has been allowed and the said patent restored.

(4)

Notice is hereby given that an application for restoration of Patent No. 144944, dated the 3rd January, 1976 made by Shamkant Giridhar Bonde and Arvind Vasant Chaudhari on the 16th October, 1982 and notified in the Gazette of India, Part III, Section 2 dated the 8th January, 1983 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entry is the date of a registration of the design included in the entry.

Class 1. No. 152516. United States Surgical Corporation, a Company incorporated and existing under the laws of the State of New York, U.S.A. of 150 Glover Avenue, Norwalk, Connecticut 06850, U.S.A. "Surgical Clip Applier". 3rd December, 1982.

Class 1. No. 152518. United States Surgical Corporation, a Company incorporated and existing under the laws of the State of New York, U.S.A. of 150 Glover Avenue, Norwalk, Connecticut 06850, U.S.A. "Circular Anastomosis Surgical Stapler". 3rd December, 1982.

Class 1. No. 152520. United States Surgical Corporation, a Company incorporated and existing under the laws of the State of New York, U.S.A. of 150 Glover Avenue, Norwalk, Connecticut 06850, U.S.A. "Linear Closure Surgical Stapler". 3rd December, 1982.

Class 1. No. 153000. Ashoka Surgical Works, an Indian Partnership concern, Mansabia Market, Railway Road, Meerut-250002 (U.P.), "Nail Cutter-Cum-Bottle Opener-Cum-Ear Cleaner". 14th April, 1983.

Class 1. No. 152783. Union Carbide India Limited, an Indian Company of 1, Middleton Street, Calcutta-700-071, West Bengal, India. "Flashlight". 19th February 1983.

Class 1. No. 153001. Ashoka Surgical Works, an Indian Partnership Concern, Mansabia Market, Railway Road, Meerut-250002 (U.P.), "Nail Cutter". 14th April, 1983.

Class 1. No. 152796. Union Carbide India Limited, an Indian Company of 1, Middleton Street, Calcutta-700 071, West Bengal, India. "Flashlight". 23rd February, 1983.

Class 1. No. 152798. Union Carbide India Limited, an Indian Company of 1, Middleton Street, Calcutta-700 071, West Bengal, India. "Flashlight". 23rd February, 1983.

Class 3. No. 152519. United States Surgical Corporation, a Company incorporated and existing under the laws of the State of New York, U.S.A. of 150 Glover Avenue, Norwalk, Connecticut 06850, U.S.A. "Circular Anastomosis Surgical Stapler". 3rd December, 1982.

Class 3. No. 152521. United States Surgical Corporation, a Company incorporated and existing under the laws of the State of New York, U.S.A. of 150 Glover Avenue, Norwalk, Connecticut 06850, U.S.A. "Linear Closure Surgical Stapler". 3rd December, 1982.

Class 3. No. 152529. United States Surgical Corporation, a Company incorporated and existing under the laws of the State of New York, U.S.A. of 150 Glover Avenue, Norwalk, Connecticut 06850, U.S.A., "Surgical Staple Cartridge". Priority date is 8th September, 1982.

Class 3. No. 152999. Hybo Hindustan, an Indian Registered Partnership firm having its office at: C-6, MIDC Road No. 22, Marol, Andheri (East) Bombay-400 093, Maharashtra, India. "A Woven Elastic fabric". 14th April, 1983.

Class 3. No. 152782. Union Carbide India Limited, an Indian Company of 1, Middleton Street, Calcutta-700071, West Bengal, India. "Flashlight". 19th February, 1983.

Class 3. No. 152517. United States Surgical Corporation, a Company incorporated and existing under the laws of the State of New York, U.S.A., of Glover Avenue, Norwalk, Connecticut 06850, U.S.A. "Surgical Clip Applier". 3rd December, 1982.

Class 3. No. 152797. Union Carbide India Limited, an Indian Company of 1, Middleton Street, Calcutta-700 071, West Bengal, India. "Flashlight". 23rd February, 1983.

Class 3. No. 152799. Union Carbide India Limited, an Indian Company of 1, Middleton Street, Calcutta-700 071, West Bengal, India. "Flashlight". 23rd February, 1983.

Extn. of Copyright for the Second Period of five years.

Nos. 148247, 148248, 148249, 148250, 148251, 148252, 148253, 148254, 148255, 148256, 148257, 148258, 148259, 148260 148261, 148262, 152205.....

.....Class-3.

Extn. of Copyright for the Third Period of five years.

Nos. 148247, 148248, 148249, 148250, 148251 148252, 148253, 148254, 148255, 148256, 148257, 148258, 148259, 148260, 148261, 148262, 152205, 140853

.....Class-3.

No. 140854.

.....Class-5.

DR. K. V. SWAMINATHAN
Controller General of Patents, Designs
and Trade Marks.